

( )

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*Dactylis*                      *Agropyron tauri*                      (Forb)                      (Grass)  
*Coronilla varia*                      *Ferula ovina*                      *Bromus tomentellus*                      *glomerata*

( )

(P<0.01)

( )

= / )

(RFV= / )

(RFV

)

( )

(

( )

( )

:

(CP) ( )

(DMD)

(ME)

( )

NDF

ADF

( )

( )

( )

( )

( )

( )

( )

( )

(ADF)

( )

)

( )

(DMD)

(

( )

1. Crude Protein

2. Digestible Dry Matter

3. Metabolizable Energy

4. Natural Detergent Fiber

5. Acid Detergent Fiber

(*in vivo*)

(*in vitro*)

(*in situ*)

Agropyron tauri Boiss. & ( ) ADF ( )  
 ( ) Dactylis glomerata L ( ) Bal.  
 ( ) Bromus tomentellus Boiss ( )  
 varia L. (Fabaceae) Atriplex  
 Ferula ovina Boiss. ( ) Coronilla  
 (Apiaceae)

(vigor)

(Flowering) (Vegetative growth)  
 ) (Seed ripening)  
 (

51 ° 9 ' 52" 51° 4 ' 20 "  
 35° 50' 57" 35° 44' 33 "

)

(

(AOAC )

(.)

Artemisia aucheri-Acantholimon festucacetum

Agropyron tauri- Astragalus gossypinus

Coronilla

Dactylis glomerata varia

( )

Fibertec

:( ) Fomesbeck

(Grass)

DDM% = 88.9 – 0.779(ADF)

(Forb)

( / ) *Ferula ovina*

) M

:(

( ) %DMI=120/NDF %

( )

$$ME = 0.17DDM\% - 2$$

( ) PFM

$$RFV = \frac{DDM\% * DMI\%}{1.29}$$

*D.glomerata A.tauri*

ADF

ADF

ADF

( )

ADF

ADF

ADF

( )

MSTATC SAS

(%NDF)

ADF

(intake)

NDF

( )

( )

(DMI%)

NDF

NDF

( )

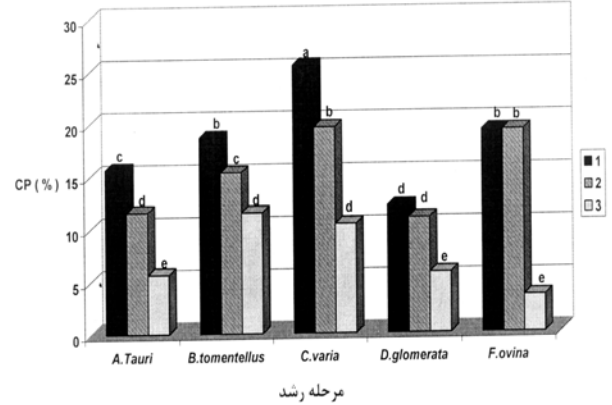
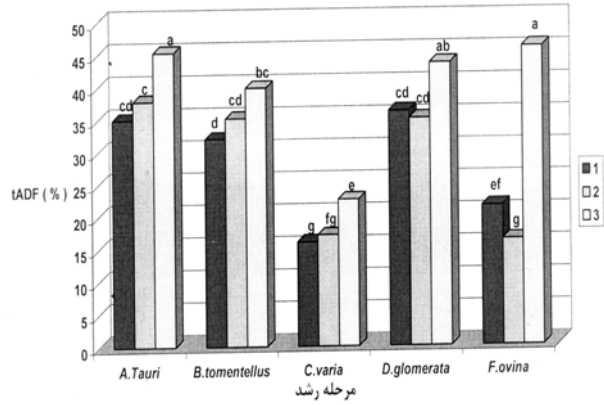
%

(DDM%)

( / )

*Coronilla varia*

- 
1. Relative Feed Value
  2. Pioneer forage manual



Ferula ovina	Dactylis glomerata	Coronilla varia	Bromus tomentellus	Agropyron tauri	
/	/	/	/	/	DM(%)
e	b	b	e	d	CP(%)
/	/	/	/	/	ADF(%)
a	g	ef	ab	cd	NDF(%)
/	/	/	/	/	DDM(%)
g	a	b	f	d	DMI(%)
/	/	/	/	/	WSC(%)
de	a	d	de	d	ME(MJ)
/	/	/	/	/	RFV
g	a	bc	fg	de	
cd	a	ab	d	cd	

(P < / )

(RFV)

(.)

(<sup>1</sup>WSC )

( )

(RFV= / )

(RFV= / )

1. Water Soluble Carbohydrates

ADF

( )

(NDF)

(.)

( )

NDF

(.)

(.)

( )

(Forb)

( )

( )

CP

*B.tomentellus*

ADF ( )

( )

( )

*Coronilla varia*

NDF ADF

ADF

(.)

ADF

( )

*Dactylis glomerata*

(.)

*Ferula ovina*

NDF

CP

(RFV)

CP

( ) NDF  
( )  
( )

( )

( )

( )

(TAC)

( )

( )

) RFV

( )

/ ( /

ADF

NDF

NDF ( / / )

( )

% / % / % /

(WSC)

NDF

(Intake)

( )

( )

( )

( )

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